The drawing(s) filed (insert date 8-5-99 are:

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

Application No. 09/368, 496

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice. 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Black ink. Color. Words do not appear on a horizontal, left-to-right fashion Color drawings are not acceptable until petiton is granted. when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) Fig(s) ______ Pencil and non black ink not permitted. Fig(s) ____ SCALE. 37 CFR 1.84(k) 2. PHOTOGRAPHS. 37 CFR 1.84 (b) Scale not large enough to show mechanism without I full-tone set is required. Fig(s) crowding when drawing is reduced in size to two-thirds in reproduction. Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s) _ Foor quality (half-tone). Fig(s)

3. TYPE OF PAPER. 37 CFR 1.84(e) 37 CFR 1.84(i) Lines, numbers & letters not uniformly thick and well Paper not flexible, strong, white, and durable. defined, clean, durable, and black (poor line quality). Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Solid black areas pale. Fig(s) Mylar, velum paper is not acceptable (too thin). Solid black shading not permitted. Fig(s) Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
21.0 cm by 29.7 cm (DIN size A4) Shade lines, pale, rough and blurred. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 21.6 cm by 27.9 cm (8 t/2 x 11 inches) 37 CFR 1.84(p) Numbers and reference characters not plain and legible. All drawing sheets not the same size. Sheet(s) Fig(s) Drawings sheets not an acceptable size. Fig(s)

5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Figure legends are poor. Fig(s)

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Numbers, letters and reference characters must be at least SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Left (L) Top (T) Right (R) VIEWS. 37 CFR 1.84(h) Bottom (B) Lead lines cross each other. Fig(s)

Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Sheets not numbered consecutively, and in Arabic numerals Brackets needed to show figure as one entity. Fig(s) _______ Views not labeled separately or properly. Views not numbered consecutively, and in Arabic numerals, Fig(s) beginning with number 1. Fig(s) _ 16. CORRECTIONS. 37 CFR 1.84(w) Enlarged view not labeled separetely or properly. Corrections not made from prior PTO-948 Fig(s) 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Hatching not indicated for sectional portions of an object. Surface shading shown not appropriate. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Fig(s) Roman numbers. Fig(s) COMMENTS

REVIEWED DATE 11-26-99 TELEPHONE NO.

ATTACHMENT TO PAPER NO. _____